

REPORT OF SURVEY FOR REPAIRS, &c., OF ENGINES AND BOILERS

(Received at London Office 15 FEB 1943)

Date of writing Report 9/2/43 19... When handed in at Local Office 12 FEB 1943 19... Port of Hull

No. in Survey held at Hull Date. First Survey 1.2.43. Last Survey 2.2.1943. Reg. Book. (No. of Visits 2)

Y.Y.12 on the Machinery of the ~~Wood, Iron or Steel~~ S.S. "Dynamo"

Tonnage { Gross 809 Vessel built at Workington By whom R. Williamson & Son When 1920 5
 Net 344 Engines made at Glasgow By whom The Kie & Boxer When 1920 -
 Nominal Horse Power 46 Boilers, when made (Main) 1920 (Donkey) ✓
 No. of Main Boilers 1 Owners Ellerman's Wilson & Co Ltd Owners' Address ✓
 No. of Donkey Boilers ✓ Managers ✓ (if not already recorded in Appendix to Register Book.)
 Steam Pressure in Main Boilers 180 Port Hull Voyage ✓
 in Donkey Boilers ✓ If Surveyed Afloat or in Dry Dock William Wright (State name of Dock.)

Particulars of Classification which must be inserted precisely as in Register Book & Supplements.

CHARACTER for Special Survey. Date of last Survey and of Periodical Surveys.	Years assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any)
100 A1		LMC, MS 5, 34
H.H.2		B/S 4/42
		T.S.C.L. 3, 41
LL. Lon No 3-33		
LL. Lon No 1-34		
Examined 2/42		
Cargo battens not fitted.		

Last Report No. Port

Particulars of Examination and Repairs (if any) General Examination

(Periodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.)

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined

Was a damage report made by anyone else? If so, by whom?

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time?

Did the Surveyor personally go inside each Donkey Boiler separately and make a thorough examination at this time?

If not, state for what reasons? What parts of the Boilers could not be thus thoroughly examined?

What special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler?

State latest date of internal examination of each boiler. Present condition of funnel (Efficient)

Did the Surveyor examine the Safety Valves of the Main Boilers? To what pressure were they afterwards adjusted under steam?

Did the Surveyor examine the Safety Valves of the Donkey Boilers? To what pressure were they afterwards adjusted under steam?

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? and of the Donkey Boilers?

Did the Surveyor examine the drain plugs of the Main Boilers? and of the Donkey Boilers?

Did the Surveyor examine all the mountings of the Main Boilers? and of the Donkey Boilers?

Has the screw shaft now been drawn and examined? No Has it a continuous liner? Is an approved oil retaining appliance fitted at the after end?

Has shaft now been changed? If so, state reasons Has the shaft now fitted been previously used? Has it a continuous liner?

Is an approved oil retaining appliance fitted at the after end? State date of examination of Screw Shaft State the wear down in the stern bush

Is electric light and/or power fitted? If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses?

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? Engine parts, when referred to by numbers, should be counted from forward.

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done. To Complete: - Low insulation faults on generator & feeds from Engine room to Amidship and aft distributing boards to be removed. Line did not permit these circuits being rectified at this survey.

Now Done: - Main auxiliary machinery generally examined externally. Chief Engineer stated same had given satisfactory service to date. Steering engine opened up, examined, found & placed in satisfactory condition. Pumping arrangements valves, cocks, pipes and strainers on hold bilge line opened up & examined and placed in satisfactory condition. Other minor repairs effected.

Electrical equipment trigger tested found satisfactory with the exceptions mentioned above.

General Observations, Opinion, and Recommendation: - The machinery of this vessel is eligible, in my opinion,

(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.; thus, for example, BS 9,11, B&MS 9,11 or LMC 9,11 or LMC 140 lb., FD, &c.) CS 3,34

To remain as classed with notation "Examined 2/43" when the survey has been completed. (Twelve months)

The class is subject to donkey Boilers not being used

Survey Fee (per Section 29) £ : : Fees applied for 19
 Special Damage or Repair Fee (if any) (per Section 29.) £ : : Received by me, 19
 Travelling expenses (if chargeable) £ : :

H. Clive Surtees
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

TUE 23 FEB 1943

Assigned

Deferred



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W 29-0007

If so, is the Report sent now, or when will it be sent?

The Surveyors are requested not to write on or below the space for Committee's Minute.

Insert Character of Ship and Machinery precisely as in the Register Book.

Is a Certificate required? If so, to be sent to

LA No 2222 341

Machinery generally examined
Several insulation faults require to be
rectified in the electrical system & it is
submitted the Examiner record 2.43 be
withheld pending these faults being dealt
with

Submitted action be deferred

Hur

22.2.43



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